



## RULES 1196 AND 1186.1 TECHNICAL INFEASIBILITY CERTIFICATION REQUEST

For Rule 1196, SUBMIT COMPLETED FORM 60 DAYS PRIOR TO PURCHASE OR LEASE OF VEHICLE  
For Rule 1186.1, SUBMIT COMPLETED FORM 6 MONTHS PRIOR TO PURCHASE OR LEASE OF VEHICLE

(USE ONE FORM PER VEHICLE MODEL)

|  |                     |
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| 1. ENTITY NAME:  | AQMD ID# (IF KNOWN) |
| 2. MAILING ADDRESS:  |                     |
| 3. CONTACT PERSON, TITLE, TELEPHONE:   |                     |
| 4. ALTERNATE CONTACT, TITLE, TELEPHONE:  |                     |
| 5. VEHICLE TYPE/APPLICATION TO BE EXEMPTED AND HOW MANY. INCLUDE ITS DESCRIPTION AND SPECIFICATIONS BELOW OR AS <b>ATTACHMENT 1</b> . (OPTIONAL – HOWEVER, SUBMISSION OF ADDITIONAL VEHICLE SPECIFICATIONS IS RECOMMENDED.)<br>VEHICLE DESCRIPTION _____ # OF VEHICLES: _____<br>PROPUL./AUX _____ PROPUL./AUX _____<br>HORSEPOWER = _____ HP; TORQUE = _____ LB-FT; GVWR = _____ LB; GCWR = _____ LB  |                     |
| 6. <b>FLEET DESCRIPTION</b> — INCLUDE AS <b>ATTACHMENT 2</b> , THE MAKE, MODEL, MODEL YEAR, FUEL TYPE, AND APPLICATION OF ALL VEHICLES AFFECTED BY RULE 1196 OR 1186.1 THAT ARE CURRENTLY OPERATING IN THE SCAQMD IF THIS IS YOUR FIRST APPLICATION OR IF THIS APPLICATION IS OVER SIX MONTHS FROM A PREVIOUS APPLICATION. FOR EACH VEHICLE AFFECTED BY RULE 1186.1, INCLUDE A COMPLETE DESCRIPTION OF THE DUST SUPPRESSION SYSTEM.  |                     |
| 7. <b>JUSTIFICATION OF TECHNICAL INFEASIBILITY CERTIFICATION REQUEST:</b><br>➤ SELECT ONE OF THE FOLLOWING, A, B, C, D, OR E<br>➤ NOTE: IF MORE THAN ONE OPTION APPLIES, AND YOU WOULD LIKE TO INCLUDE DOCUMENTATION FOR MORE THAN ONE OPTION, CHECK FIRST WITH AQMD FLEET RULE STAFF AT 909-396-3044.<br>A. <input type="checkbox"/> VEHICLE MODEL IS LISTED ON AQMD'S RULE 1196 VEHICLE MODEL UNAVAILABILITY LIST INCLUDE THE FOLLOWING DOCUMENTATION AS <b>ATTACHMENT 3</b> :<br>I) VEHICLE APPLICATION ON UNAVAILABILITY LIST THAT IS EQUIVALENT TO VEHICLE BEING PURCHASED.<br>II) (OPTIONAL) CONFIRM WITH AQMD STAFF THE APPLICABILITY OF THIS LIST FOR YOUR PROPOSED DIESEL VEHICLE PURCHASE.<br>B. <input type="checkbox"/> COMPLIANT VEHICLE MODEL IS UNAVAILABLE. (THIS OPTION IS NOT AVAILABLE FOR RULE 1186.1 AFTER JUNE 30, 2006.) INCLUDE THE FOLLOWING DOCUMENTATION AS <b>ATTACHMENT 3</b> :<br>I) REQUEST FOR BID OR OTHER SOLICITATION DOCUMENT FOR ALTERNATIVE-FUEL AND DIESEL VEHICLES. AT MINIMUM, INCLUDE BASIC SPECIFICATIONS THAT PERTAIN TO HORSEPOWER, TORQUE, GVWR, GCWR, ANY CAPACITIES, WHEELBASE, OVERALL LENGTH, CAB CONFIGURATION, AND ALL FUEL OPTIONS.<br>II) WRITTEN DOCUMENTS FROM ALL VENDORS RESPONDING TO THE ABOVE REQUEST.<br>III) VENDOR NAMES, ADDRESSES, CONTACT NAMES, AND TELEPHONE NUMBERS.<br>IV) DESCRIPTION AND BASIC SPECIFICATIONS (HP, TORQUE, GVWR, GCWR) OF DIESEL VEHICLE CURRENTLY USED BY FLEET IN THE APPLICATION SPECIFIED IN # 5 ABOVE.<br>C. <input type="checkbox"/> COMPLIANT VEHICLE MAY EXCEED THE COST-EFFECTIVENESS THRESHOLD. (THIS OPTION IS NOT AVAILABLE FOR RULE 1186.1). INCLUDE THE FOLLOWING DOCUMENTATION AS <b>ATTACHMENT 3</b> :<br>I) REQUEST FOR BID OR OTHER SOLICITATION DOCUMENT FOR ALTERNATIVE-FUEL AND DIESEL VEHICLES. AT MINIMUM, INCLUDE BASIC SPECIFICATIONS THAT PERTAIN TO HORSEPOWER, TORQUE, GVWR, GCWR, ANY CAPACITIES, WHEELBASE, OVERALL LENGTH, CAB CONFIGURATION, AND ALL FUEL OPTIONS.<br>II) WRITTEN DOCUMENTS FROM ALL VENDORS IN RESPONDING TO ABOVE REQUEST.<br>III) VENDOR NAMES, ADDRESSES, CONTACT NAMES, AND TELEPHONE NUMBERS.<br>IV) THE COST-EFFECTIVENESS CALCULATION, SHOWING THAT COST-EFFECTIVENESS IS ABOVE THE THRESHOLD SET BY CARL MOYER OR MSRC PROGRAMS. INCLUDE VEHICLE COST INFORMATION FROM VENDORS. (TO OBTAIN THE LATEST COST-EFFECTIVENESS CRITERIA, CALL AQMD STAFF AT 909-396-3044.)<br>V) DESCRIPTION AND BASIC SPECIFICATIONS (HP, TORQUE, GVWR, GCWR) OF DIESEL VEHICLE CURRENTLY USED BY FLEET IN THE APPLICATION SPECIFIED IN #5 ABOVE. |                     |

- D. ☐ THE ALTERNATIVE FUELING INFRASTRUCTURE IS NOT AVAILABLE WITHIN FIVE MILES OF THE VEHICLE DOMICILE LOCATION(S). (THIS OPTION IS NOT AVAILABLE FOR EITHER RULE 1196 OR 1186.1 AFTER JUNE 30, 2006.) INCLUDE AS **ATTACHMENT 3:**
- I) THE VEHICLE DOMICILE LOCATION(S), AND LOCATION(S) OF NEAREST ALTERNATIVE FUELING STATION.

- E. ☐ NO RESPONSES RECEIVED FROM BID/REQUEST ISSUED BY GOVERNMENT AGENCIES CONTRACTING FOR STREET SWEEPING SERVICES (THIS OPTION IS AVAILABLE FOR RULE 1186.1 ONLY). INCLUDE AS **ATTACHMENT 3:**
- I) REQUEST FOR BID, REQUEST FOR QUOTATION, OR SIMILAR DOCUMENT.
- II) WRITTEN DOCUMENTS FROM ALL CONTRACTORS IN RESPONSE TO ABOVE REQUEST (IF APPLICABLE).
- III) VENDOR NAMES, ADDRESSES, CONTACT NAMES, AND TELEPHONE NUMBERS (IF APPLICABLE).
- IV) DESCRIPTION OF DIESEL VEHICLE(S) PROPOSED TO BE CONTRACTED FOR STREET SWEEPING SERVICES, INCLUDING DESCRIPTION OF THE DUST SUPPRESSION SYSTEM

**8. SIGNATURE OF PERSON RESPONSIBLE FOR RULE 1196 OR 1186.1 COMPLIANCE**

I HEREBY CERTIFY, UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA, THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT. I ALSO ACKNOWLEDGE THAT THIS APPLICATION IS BEING PROVIDED TO THE AQMD EXECUTIVE OFFICER AT LEAST 60 DAYS PRIOR TO THE DATE OF PURCHASE OR LEASE OF REPLACEMENT OR ADDITIONAL HEAVY-DUTY VEHICLES, AS REQUIRED BY RULE 1196(e)(1) OR 1186.1(d)(1). APPROVAL OF TECHNICAL INFEASIBILITY CERTIFICATION REQUEST (TICR) IS SUBJECT TO VERIFICATION OF INFORMATION SUBMITTED PURSUANT TO THIS FORM AND CONCURRENCE BY AQMD STAFF. I UNDERSTAND THAT AQMD STAFF MAY REQUIRE ADDITIONAL INFORMATION TO PROCESS THIS TICR FORM, AND THIS TICR WILL BE CONSIDERED COMPLETE WHEN THE INITIAL FEE AND ALL PERTINENT INFORMATION REQUESTED BY AQMD STAFF ARE SUBMITTED.

SIGNATURE \_\_\_\_\_

NAME \_\_\_\_\_

TITLE \_\_\_\_\_

SIGNED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_

IN \_\_\_\_\_, CALIFORNIA.

AN INITIAL FILING AND EVALUATION FEE IS REQUIRED WITH THE SUBMITTAL OF THIS REQUEST, PER RULES 1196 (e)(3), 1186.1 (d)(4), AND 306 (c), (d), AND (i)(1). THIS FEE IS \$436.66 THROUGH JUNE 30, 2006; AFTER THIS DATE CALL AQMD STAFF FOR CURRENT APPLICABLE FEE.

Send completed application with the required fee (as indicated above) to:

South Coast AQMD  
TAO – Mobile Source Strategies  
21865 Copley Drive  
Diamond Bar, CA 91765-4182

If you need assistance in completing this application, Form 1196-1186.1TICR, please call the Mobile Source Strategies Unit at (909) 396-3044.



# **SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

## **GUIDANCE DOCUMENT FOR TECHNICAL INFEASIBILITY CERTIFICATION REQUEST FOR RULE 1196 AND RULE 1186.1**

### Introduction

Rules 1196 and 1186.1 promote the use of low-emitting on-road motor vehicle technologies in the South Coast Air Basin. Rule 1196 applies to public fleets of 15 or more heavy-duty vehicles; Rule 1186.1 applies to public or private fleets providing street sweeping services with 15 or more passenger cars, light-duty trucks, and medium- and heavy-duty vehicles. These rules require fleet operators of fleets of 15 or more vehicles to procure vehicles certified by the California Air Resources Board (CARB) to use gasoline or alternative fuels, when replacing or adding vehicles to a fleet. Gasoline vehicles comply with Rule 1196 only. Alternative fuels include compressed and liquefied natural gas, propane, methanol, electricity, fuel cells, and other advanced technologies that do not rely on diesel fuel. The rule implementation date is July 1, 2002 for the purchase or lease of Rule 1196 and 1186.1 compliant vehicles.

Rule 1196 paragraph (d)(3) allows an exemption to the alternative fuel vehicle purchasing requirement under certain circumstances, provided that the fleet operator: (1) obtains an approved Technical Infeasibility Certification Request (TICR), (2) ensures that the diesel-powered heavy-duty vehicle or engine procured in lieu of the gasoline or alternative-fuel heavy-duty vehicle is equipped with approved control devices, and (3) maintains that approved control device per manufacturer's specifications. "Approved control device" is defined in paragraph (c)(2) of the rule as a CARB-certified exhaust control device(s) that reduces particulate matter and possibly other precursor emissions. The definition also provides that the vehicle must vent all diesel exhaust through such a device that has been installed at the time of vehicle purchase, and that the vehicle equipped with such a control device must use diesel fuel with a sulfur content no greater than 15 ppm. Rule 1186.1 contains similar provisions available for use prior to July 1, 2005.

### Important Considerations for Obtaining Approval of Technical Infeasibility Certification Request (The attached flowchart summarizes the TICR Process.)

1. Check to see if vehicle model is included on the AQMD Model Unavailability List. This list will be developed as specific vehicle types are exempted, subject to verification by AQMD staff to ensure that a particular rule-compliant vehicle model is still unavailable. If vehicle model is on the list, check Box A under Item 7 (Justification of Technical Infeasibility Certification Request); otherwise, one of the other choices under Item 7 may apply.
2. As part of the technical specifications (see below) in a Request for Proposals (RFPs)/Request for Quotations (RFQs), include the specification that vehicles meet Rule 1196 or Rule 1186.1 purchasing requirements. Further, if rule compliant vehicles are unavailable, require RFP/RFQ respondents to provide written response indicating the reasons why requested vehicles are unavailable to meet the requirements of Rules 1196 or Rule 1186.1. The fleet purchasing department may create their own form that the bidder may complete enumerating the reasons for vehicle unavailability.

3. At the discretion of fleet operator, the technical specifications, including the above, may be forwarded to AQMD staff for preliminary review.
4. Subsequent to receiving RFP/RFQ responses, and at least 60 days prior to vehicle purchase (the date purchase order is signed), you may apply for Technical Infeasibility Certification by using District Form 1196-1186.1 TICR (see attached), when applicable.

Technical Specifications / Performance Criteria used to Determine Suitability of Commercially Available Rule 1196 or 1186.1 Compliant Vehicles in a Particular Application.

The following are examples of various types of technical specifications that a fleet operator would use when procuring fleet vehicles that meet minimum performance requirements. It is expected that these technical specifications would be communicated to the potential vehicle suppliers, via an RFP/RFQ or similar device, as part of the overall process to select suitable fleet vehicles as well as to determine if acceptable Rule 1196 or 1186.1 compliant vehicles are commercially available.

1. Definition of task to be performed by vehicle
2. Range requirements
3. Power requirements
4. Torque requirements
5. Cargo carrying capacity
6. Equipment carrying capacity
7. Personnel carrying capacity
8. Vehicle dimensions to meet space constraints
9. Towing Capacity

Cost-Effectiveness Threshold.

Rules 1196 and 1186.1 allow the issuance of TICRs if the Carl Moyer Program or MSRC Program cost-effectiveness threshold is exceeded. Please call the Fleet Implementation section (909-396-3166) to obtain specific guidance on the parameters assumed to perform this calculation and the appropriate cost-effectiveness threshold standard.

# SCAQMD Rules 1196 & 1186.1

## TECHNICAL INFEASIBILITY CERTIFICATION REQUEST

### PROCESS FLOWCHART

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